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167th General Meeting

The 167th General Meeting of the Surveying & Mapping Industry Council of NSW was held on Friday 29th of November 2019 at the DCS Spatial Services Office in the McKell Building, 2-24 Rawson Place, Sydney.

Upcoming Events

The following CPD and general interest events may be of interest to our readers. For more information, please contact the organisers or visit their websites.

- **23-24 January 2020** – ISNSW Australia Day Seminar in Sydney
- **5 February 2020** – BOSSI Mining Project Assessment
- **5-7 February 2020** – International Global Navigation Satellite Systems (IGNSS) 2020 conference at UNSW (Sydney)
- **11 February 2020** – ISNSW Seniors Group Parliamentary Luncheon 2020 in Sydney
- **14 February 2020** – ACS Drones in Surveying Webinar
- **26 February 2020** – Mining Legislation Examinations in Bathurst
- **27 February 2020** – BOSSI Meeting in Sydney
- **6 March 2020** – ISNSW North Coast Group Seminar in Grafton
- **13 March 2020** – ACS 3D City Modelling Webinar
- **16-19 March 2020** – BOSSI Assessment of Candidate Competency in Sydney
- **23 March 2020** – ACS Simon Sinek Live in Sydney
- **23 March 2020** – ACS Simon Sinek Live in Melbourne
- **23-25 March 2020** – APAS 2020 in Leura
- **March 2020** – ACS Women in Surveying (details to come)

BE A TAFE NSW TEACHER



TAFE NSW

Calling all qualified technical and graduate/registered surveyors and spatial information professionals

If you have:

- The Certificate IV in Training and Assessment (TAE40116) or capacity to complete this with the support of TAFE NSW
- A qualification in either; the Certificate III in Surveying and Spatial Information Services *or* Certificate IV in Spatial Information Services *or* Certificate IV in Surveying *or* Diploma of Spatial Information Services *or* Diploma of Surveying
- A minimum 5 years current relevant industrial experience, after completion of a Certificate III qualification/s

Join a dynamic training environment in Newcastle, Riverina, Ultimo or Wollongong. Email your resume and qualifications to Chhavi Shaw, Skills Point Industrial Relations Lead at chhavi.shaw2@tafensw.edu.au

Industry Reports

The following information may be of interest to members of our constituent organisations and the general public.

Association of Consulting Surveyors & Consulting Surveyors National

- A number of fabulous events have been held over the past quarter including: the State Conference at Parliament House, EISSI Awards, Country Surveyors October Conference and several ACS Webinars.
- The next round of Candidate Workshops are underway for the March BOSSI exams.
- In October, the ACS Business Academy was launched to provide training and mentoring for potential and current business leaders of consulting surveying firms.
- James Thorpe was farewelled at the October AGM after 26 years on the ACS Board. James has continued to be a great source of leadership for ACS. It was also an opportunity to welcome David Lovell of CMS Surveyors to the Board.
- The 2020 event calendar will be available online shortly, with the first event being the Women in Surveying event in March.

Association of Public Authority Surveyors

- The Government Surveyors Dinner was held on the 24th of October 2019 in Sydney.
- The 2020 Annual conference will be held at the Fairmont Resort in Leura on 23-25 of March 2020, with 14.25 CPD points being offered, including 5 cadastral points.

Institution of Surveyors NSW

- Following the AGM in October, ISNSW will now be known as the Institution of Surveyors NSW to more accurately reflect the structure.
- The Australia Day Seminar will be held on 23 & 24 of January 2020 at Rydges World Square.
- Cadastral webinars have proven to be very popular and the program will be expanded in 2020.

NSW Surveying Taskforce

- In addition to the usual school and local career events, the most recent stand-out event was the NSW & ACT Career Advisors Association Annual Conference, where Narelle Underwood presented to a captivated audience.
- Maths in Surveying Days were held in August and October with a new webpage also developed for the A Life Without Limits website to focus on the Maths in Surveying Day events.
- Blog pieces have been provided for the website relating to historical surveying equipment, whilst ongoing regular content has been produced for social media networks Facebook and Instagram.
- Twenty student work experience placements have been facilitated since July when CDM recommenced coordination efforts.
- The Taskforce has a number of marketing projects scheduled for 2020, including the development of the Maths in Surveying in a Box project.

Surveying and Mapping Managers Forum

- The Surveying & Mapping Managers Forum met on 25th of October 2019. Some of the common themes of discussion through the various members reports included: GDA2020, POSI, digital workflows and development of documentation and processes to support these initiatives, recruitment and utilisation of new technology and systems relating to modern survey instrumentation.
- The next meeting will occur in conjunction with the APAS 2020 conference on 23rd of March 2020.

Surveying and Spatial Sciences Institute

- NSW ACT Region had a successful regional conference with the theme 'Blurred Our Digital Boundaries' in Goulburn with 120 delegates across three action-packed days.
- SSSI would like to thank everyone for their support of the recently completed series of webinars partnered with ICSM through Geoscience Australia via SSSI's Young Professionals. These webinars are available online for e-CPD via: <https://sssi.org.au/events-awards/e-cpd>
- Mentoring Program Graduations are concluding across Australia for SSSI Young Professionals.
- SSSI Young Professionals have launched the travel grant program with the aim of encouraging more young professionals to be able to access Locate20.

Surveyor General

- The Surveyor General and staff have given presentations at a number of events over the past few months on topics including GDA2020, Digital Survey Plans and Leadership. Presentations will be conducted at the following events in early 2020: ISNSW Australia Day Seminar, APAS 2020 and Transport for NSW GLADS.
- The Geographical Names Board (GNB) is scheduled to launch the new NSW Place and Road Naming Proposal system in mid-January 2020.
- The following Surveyor Generals Directions have been updated: SGD11 – Preservation of Survey Infrastructure and SGD12 – Control Surveys and SCIMS.
- GDA2020 implementation momentum continues with legislative changes for adoption of GDA2020 as the official datum in NSW from 1st of January 2020 passed as part of the Parliamentary Council statute review. Important Policy documentation has been approved, including GDA94 support for 3 years to June 2023.
- CORSnet-NSW continues to improve network redundancy with the rollout of OPTUS modems at 50 sites to provide backup to primary communications.
- The review of digital survey plans is now complete, with the report being reviewed by key stakeholders through the consultative committee prior to release.

- BOSSI undertook a 100% audit of CPD for surveyor registration renewal, with an increase from 3 to 5 speciality points within the 15 CPD point minimum.
- BOSSI held land and mining surveying assessments during August, September and October. Once again there was a big number of assessments with 90 land surveying candidates undertaking 106 individual assessments and 4 mining surveying candidates undertaking 7 individual assessments. Successful candidates were presented their certificates of competency at BOSSI's presentation Ceremony on 29th of November at NSW Parliament House.

Surveying Education Reports

University of New South Wales

- New Professor Nancy Glenn commenced duties at the end of October. Nancy is an expert in Remote Sensing of the environment, dryland ecology, and geological engineering.
- UNSW are seeking new student projects for field project week and thesis projects. Please contact Craig Roberts at the school for a chat.
- UNSW supported Maths in Surveying Day on 25th of October, a high school visit from remote schools as well as the UNSW Open Day on 7th of September.
- The IGSS2020 conference will be hosted at UNSW on 5-7 of February. This is the premier, technical GNSS conference in the Australian region and attracts the GNSS system providers as well as a broad range of engineers, companies, government, defence and start-ups.

University of Newcastle

- On 8th of November 100 attendees (including 70 surveyors) attended the Surveying Programs final year student research seminars. Nineteen students presented the results of their research efforts to the audience in a series of 15 minute presentations.
- During the Semester 2 mid semester break, two successful camps for first and third year students were held.
- Timothy Diemar, a student who completed his degree in June, presented his final year project research to the industry in a 40 minute presentation at the Hunter Manning Group Engineering Seminars in September. Timothy's research was titled "Control Survey Network Design Using Least Squares Adjustment".
- The surveying program at the University of Newcastle received CRSBANZ accreditation in October, for a period of 5 years.
- A new surveying-related course work master's program has been launched at the University of Newcastle.

University of Southern Queensland

- The Honours project conference was held on 25th of September, with 36 honours projects presented – including one via video from a student currently serving with the Australia Antarctic Division! A number of industry professionals attended, including from Northern NSW. The conference for 2020 will be held on 23rd of September at the Springfield campus, and will again be open for industry professionals to attend.
- The first Springfield campus Bachelor of Spatial Science majoring in Surveying (Honours) cohort has successfully completed their studies, and will be graduating in early 2020.
- USQ is currently anticipating over 60 students will undertake honours projects in 2020.
- A recent restructure has been undertaken. Dr Marita Basson (Planning) has been appointed as Deputy Head of School, and Dr Glenn Campbell (Surveying) has been re-appointed as Deputy Head of School, and Dr Glenn Campbell (Surveying) has been re-appointed as Discipline Leader. Dr Zahra Gharineiat (Surveying) also received a promotion to Senior Lecturer recently.
- The Drones for STEM learning and teaching program has been successfully run in Semester 2 by several Surveying Lecturers. It has provided learning activity sessions for over 1500 students so far, including classes from the remote indigenous community of Kowanyama.



TS10720 Pylon South – Dawes Point Park, Sydney



How to Establish a Surveying & Spatial Information Services Traineeship in YOUR workplace

1. **Employer selects Australian Apprenticeship Centre (AAC)**
Contact Australian Business Apprenticeships Centre (ABAC)
Bree Milburn ABAC Account Manager 1300 652 236
bree.milburn@australianbusiness.com.au
2. **Recruitment process to select suitable candidate**
The traineeship must be established within 3 months of an employee starting employment with your company.
3. **Employer selects a Registered Training Organisation (RTO)**
Contact Australian Business Apprenticeship Centre or TAFE NSW
4. **AAC consultant assists employer to complete required paperwork**
5. **RTO in consultation with employer develops a Training Plan**
6. **Training Plan delivery commences**
7. **Apprenticeship Centre**
Tracks trainee progress
Actions payments to employer
8. **RTO and employer assess trainee as competent**
9. **Traineeship Completed**

Available Traineeships

- Cert III Surveying & Spatial Information Services
- Cert IV Surveying
- Cert IV Spatial Information Services
- Diploma Surveying
- Diploma Spatial Information Services

Surveying & Spatial Information Services Traineeship Numbers

Commencements	2015	2016	2017	2018	2019 (as at 31 st Oct)
Cert III in Surveying & Spatial	4	8	12	11	9
Cert IV in Surveying	2	3	2	6	3
Cert IV in Spatial	8	6	1	7	0
Diploma in Spatial	0	1	0	1	1
Diploma in Surveying	0	0	0	0	1
Total:	14	18	15	25	14

If your company is looking to hire new staff please investigate how a trainee may benefit your business.

SMIC Training Scholarship Program

SMIC in conjunction with TAFE NSW offer a scholarship program for potential part-time teachers in Surveying and Spatial Information who are studying towards their TAE40110 Certificate IV in Training & Assessment. This qualification is a pre-requisite for teaching at TAFE. The scholarships are to a value of up to one thousand dollars.

Eligibility Criteria

- a) Australian citizen or permanent resident of Australia
- b) Made an application for or is enrolled in TAE40110
- c) Haven't received the scholarship previously
- d) Hold a recognised surveying qualification

Selection Criteria

- a) Meet eligibility criteria
- b) Academic merit
- c) Reasons for undertaking TAE40110
- d) Demonstrated teaching ability and aptitude
- e) Career direction, aspirations and goals
- f) Teaching qualities
- g) Motivation and attitude

Applications for the next round close **Friday 13 March 2020**.

For further information and application forms please refer to the Education Options tab under Services on our website www.smicnsw.org.au or email us at smic@smicnsw.org.au

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